

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("20070133464").PN.	USPAT; USOCR	OR	OFF	2008/12/19 17:19
S2	2046	(370/338).CCLS.	USPAT; USOCR	OR	OFF	2008/12/19 18:24
S3	0	("(1and(radiostation))").PN.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/12/19 18:28
S4	1829	(S2 and(radio station))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/19 18:29
S5	31	(S4 and (Outside or beyond or exterior or external or outer)near4 (Range or limit or reach or bound)near4 (Access point or node))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/19 18:38
S6	3	"20030174680"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/19 18:55
S7	2	"20070133464"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/19 18:58
S8	3	"20030156558"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/23 16:12
S9	220	"5825759"	US- PGPUB; USPAT	OR	ON	2010/01/20 11:00
S10	218	("5825759").URPN.	USPAT	OR	ON	2010/01/20

						11:03
S11	218	("5825759").URPN.	USPAT	OR	ON	2010/01/20 11:09
S12	635	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (station)near7 (Path\$3 or trail or route or channel or link))	US-PGPUB; USPAT	OR	ON	2010/01/20 11:55
S13	890	((terminal or mobile or station)near6(Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound)near4 (Access adj point or node or base adj station or BS))	US-PGPUB; USPAT	OR	ON	2010/01/20 12:01
S14	6	S12 and S13	US-PGPUB; USPAT	OR	ON	2010/01/20 12:02
S15	5075	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound)near4 (Access adj point or node or base adj station or BS))	US-PGPUB; USPAT	OR	ON	2010/01/20 12:07
S16	13	S12 and S15	US-PGPUB; USPAT	OR	ON	2010/01/20 12:07
S17	2758	(370/338).OCLS.	USPAT; USOCR	OR	OFF	2010/01/20 12:11
S18	28	(S17 and S13)	US-PGPUB; USPAT	OR	ON	2010/01/20 12:11
S19	7	S12 and S17	US-PGPUB; USPAT	OR	ON	2010/01/20 12:52
S20	60	("5594731").URPN.	USPAT	OR	ON	2010/01/20 14:52
S21	346049	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound))	US-PGPUB; USPAT	OR	ON	2010/01/20 15:01
S22	635	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (station)near7 (Path\$3 or trail or route or channel or link))	US-PGPUB; USPAT	OR	ON	2010/01/20 15:02
S23	55	(S21 and S22)	US-PGPUB; USPAT	OR	ON	2010/01/20 15:02
S24	9	("5761194"   "5898679"   "5907540"   "5930240"   "6424633"   "6473617"   "6549786"   "6721305"   "6826165").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 09:18
S25	4	("7095722").URPN.	USPAT	OR	ON	2010/01/21 09:21
S26	2	"20030156558"	US-PGPUB; USPAT	OR	ON	2010/01/21 14:43
S27	9	("5761194"   "5898679"   "5907540"   "5930240"   "6424633"   "6473617"   "6549786"   "6721305"   "6826165").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/21 18:04

S28	2	"20030156558"	US-PGPUB; USPAT	OR	ON	2010/01/22 18:36
S29	1	"20040160919"	US-PGPUB; USPAT	OR	ON	2010/01/27 12:37
S30	3155	455/41.2	US-PGPUB; USPAT	OR	ON	2010/01/27 12:47
S31	266712	(Plan\$4 or chart or arrang\$5 or set\$up or prepar\$4 or map\$4 or design\$4)near6 (route or path)	US-PGPUB; USPAT	OR	ON	2010/01/27 12:52
S32	266712	((Plan\$4 or chart or arrang\$5 or set\$up or prepar\$4 or map\$4 or design\$4)near6 (route or path))	US-PGPUB; USPAT	OR	ON	2010/01/27 12:53
S33	145	S30 and S32	US-PGPUB; USPAT	OR	ON	2010/01/27 12:53
S34	136	S33 and out\$5	US-PGPUB; USPAT	OR	ON	2010/01/27 13:38
S35	704799	((outside or outer or beyond or exterior or remote)near6 (range or zone or area or cell or bound or reach or limit))	US-PGPUB; USPAT	OR	ON	2010/01/27 13:43
S36	43280	S32 and S35	US-PGPUB; USPAT	OR	ON	2010/01/27 13:44
S37	45	S30 and S36	US-PGPUB; USPAT	OR	ON	2010/01/27 13:44
S38	121811	("455").clas.	US-PGPUB; USPAT	OR	ON	2010/01/27 14:50
S39	1193	S36 and S38	US-PGPUB; USPAT	OR	ON	2010/01/27 14:50
S40	37956	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near7 (Path\$3 or trail or route or channel or link))	US-PGPUB; USPAT	OR	ON	2010/01/27 15:13
S41	105	S39 and S40	US-PGPUB; USPAT	OR	ON	2010/01/27 15:14
S42	0	("2004/0219878").URPN.	USPAT	OR	ON	2010/01/27 16:54
S43	2	"20030202469"	US-PGPUB; USPAT	OR	ON	2010/01/30 09:16
S44	10	("2003/0156558").URPN.	USPAT	OR	ON	2010/01/30 09:22
S45	10	("6628620").URPN.	USPAT	OR	ON	2010/01/30 09:28
S46	11	("20010033556"   "20020018448"   "20020082035"   "20020103893"   "5412654"   "5987011"   "6304556"   "6385174"   "6396814"   "6456599"   "6493759").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/30 09:31

S47	232526	((("370")or ("455")).clas.	US-PGPUB; USPAT	OR	ON	2010/02/02 11:59
S48	38053	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near7 (Path\$3 or trail or route or channel or link))	US-PGPUB; USPAT	OR	ON	2010/02/02 11:59
S49	7270	(S47 and S48)	US-PGPUB; USPAT	OR	ON	2010/02/02 11:59
S50	232526	((("370")or ("455")).clas.	US-PGPUB; USPAT	OR	ON	2010/02/02 12:00
S51	5098	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound)near4 (Access adj point or node or base adj station or BS))	US-PGPUB; USPAT	OR	ON	2010/02/02 12:01
S52	83	(S49 and S51)	US-PGPUB; USPAT	OR	ON	2010/02/02 12:01
S53	34529	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Path\$3 or trail or route or channel or link))	US-PGPUB; USPAT	OR	ON	2010/02/02 14:58
S54	1752	((Remote or distant or isolate\$3 or far\$off or far\$away or far\$apart or outside or inaccessibl\$4)near6 (mobile or terminal) near6 (access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver))	US-PGPUB; USPAT	OR	ON	2010/02/02 15:04
S55	34	S53 and S54	US-PGPUB; USPAT	OR	ON	2010/02/02 15:04
S56	28	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Path\$3 or trail or route or channel or link)near7 (Remote or distant or isolate\$3 or far\$off or far\$away or far\$apart or outside or inaccessibl\$4)near6 (mobile or terminal))	US-PGPUB; USPAT	OR	ON	2010/02/02 15:33
S57	3	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Path\$3 or trail or route or channel or link)near7 (distant or isolate\$3 or far\$off or far\$away or far\$apart or outside or inaccessibl\$4)near6 (mobile or terminal))	US-PGPUB; USPAT	OR	ON	2010/02/02 15:40
S58	734	(370/255).ccls.	US-PGPUB; USPAT	OR	ON	2010/02/02 15:48
S59	97	S53 and S58	US-PGPUB; USPAT	OR	ON	2010/02/02 15:48
S60	6	("20030033394"   "20050159111"   "20060098608"   "6735448"   "6810428"   "7023818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/02 16:05
S61	7972	ad adj hoc adj network	US-PGPUB;	OR	ON	2010/02/02 16:10

			USPAT; USOCR			
S62	3175	455/41.2	US- PGPUB; USPAT	OR	ON	2010/02/02 16:13
S63	64	(S53 and S62)	US- PGPUB; USPAT	OR	ON	2010/02/02 16:13
S64	2	"20040219878"	US- PGPUB; USPAT	OR	ON	2010/02/02 16:58
S65	164900	((initiat\$2 or start\$3 or begin\$4 or open\$4 or kick\$off or set\$off)near5 (access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver))	US- PGPUB; USPAT	OR	ON	2010/02/02 17:24
S66	1621	S53 and S65	US- PGPUB; USPAT	OR	ON	2010/02/02 17:26
S67	713	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal))	US- PGPUB; USPAT	OR	ON	2010/02/02 17:27
S68	33	S65 and S67	US- PGPUB; USPAT	OR	ON	2010/02/02 17:27
S69	16405	((Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near6 (access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver))	US- PGPUB; USPAT	OR	ON	2010/02/04 08:44
S70	713	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal))	US- PGPUB; USPAT	OR	ON	2010/02/04 08:45
S71	5	(S69 and S70)	US- PGPUB; USPAT	OR	ON	2010/02/04 08:45
S72	6	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7(Path\$3 or trail or route or channel or link)near7 (mobile or terminal))	US- PGPUB; USPAT	OR	ON	2010/02/04 08:49
S73	232	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7(Path\$3 or trail or route or channel or link))	US- PGPUB; USPAT	OR	ON	2010/02/04 08:52
S74	0	((access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver)near7(learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7(Path\$3 or trail or route or channel or	US- PGPUB; USPAT	OR	ON	2010/02/04 08:57

		(link)near7 (Before or prior or earlier or previous or sooner))				
S75	21	((access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver)near7(learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7(Path\$3 or trail or route or channel or link))	US-PGPUB; USPAT	OR	ON	2010/02/04 08:58
S76	78	(455/216).ccls.	US-PGPUB; USPAT	OR	ON	2010/02/04 09:34
S77	124	((access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver)near7(learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4))	US-PGPUB; USPAT	OR	ON	2010/02/04 09:35
S78	18	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal)near7 (access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver))	US-PGPUB; USPAT	OR	ON	2010/02/04 09:43
S79	0	("2005/0256876").URPN.	USPAT	OR	ON	2010/02/04 09:48
S80	147	((access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver)near7(learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (fail\$6 or Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4))	US-PGPUB; USPAT	OR	ON	2010/02/04 09:51
S81	232879	((("370")or ("455")).clas.	US-PGPUB; USPAT	OR	ON	2010/02/04 09:52
S82	28	(S81 and S80)	US-PGPUB; USPAT	OR	ON	2010/02/04 09:52
S83	205	(455/8).ccls.	US-PGPUB; USPAT	OR	ON	2010/02/04 09:56
S84	0	S70 and S83	US-PGPUB; USPAT	OR	ON	2010/02/04 09:58
S85	24963	((fail\$4 or Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near6 (access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver))	US-PGPUB; USPAT	OR	ON	2010/02/04 09:58
S86	20	S83 and S85	US-PGPUB; USPAT	OR	ON	2010/02/04 09:59
S87	6121358	((access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver)near7(learn\$3 or	US-PGPUB; USPAT	OR	ON	2010/02/04 10:10

		understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7near7 (first or initial or Before or prior or earlier or previous or sooner))				
S88	8	((access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver)near7(learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near6 (Failure or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7 (first or initial or Before or prior or earlier or previous or sooner))	US-PGPUB; USPAT	OR	ON	2010/02/04 10:10
S89	23	((mobile or terminal)near7 (fail\$6 or stoppage or malfunction or crash\$3 or breakdown or collaps\$4)near7(After\$6 or follow\$4 or behind or later\$than or after)near8 (access\$point or base\$station or BS or Access\$node or BSC or base\$transceiver))	US-PGPUB; USPAT	OR	ON	2010/02/04 10:17
S90	11	("4855713"   "5241542"   "5295154"   "5428636"   "5475687"   "5553076"   "5854994"   "6321270"   "6330671"   "6332165"   "6353817").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/03 15:21
S91	53	("6414955").URPN.	USPAT	OR	ON	2010/09/03 15:23
S92	62	("6414955").URPN.	USPAT	OR	ON	2011/02/23 10:48
S93	10	("20040078662"   "5982813"   "6208247"   "6414955"   "6453156"   "7019639"   "7020501"   "7119676"   "7161926"   "7277414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/23 10:58
S94	11	("4855713"   "5241542"   "5295154"   "5428636"   "5475687"   "5553076"   "5854994"   "6321270"   "6330671"   "6332165"   "6353817").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/23 11:40
S95	62	("6414955").URPN.	USPAT	OR	ON	2011/02/23 11:43
S96	23	"7020501"	US-PGPUB; USPAT	OR	ON	2011/02/23 11:54
S97	4	"7277414"	US-PGPUB; USPAT	OR	ON	2011/02/23 12:01
S98	0	("2004/0219878").URPN.	USPAT	OR	ON	2011/02/23 12:04
S99	1002	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near8 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal))	US-PGPUB; USPAT	OR	ON	2011/02/23 12:08
S100	5772	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound)near4 (Access adj point or node or base adj station or BS))	US-PGPUB; USPAT	OR	ON	2011/02/23 12:09
S101	15	(S99 and S100)	US-PGPUB;	OR	ON	2011/02/23 12:09

			USPAT			
S102	383919	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound))	US-PGPUB; USPAT	OR	ON	2011/02/23 12:14
S103	5019	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near8 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal or UE or SS or device or user adj equipment or subscriber adj station or node))	US-PGPUB; USPAT	OR	ON	2011/02/23 12:15
S104	429	S102 and S103	US-PGPUB; USPAT	OR	ON	2011/02/23 12:16
S105	16	S102 same S103	US-PGPUB; USPAT	OR	ON	2011/02/23 12:16
S106	5	("7146433").URPN.	USPAT	OR	ON	2011/02/23 12:22
S107	27	("20010036810"   "20020045435"   "20020072329"   "20020093956"   "20020146981"   "20030045296"   "5152002"   "5481539"   "5621798"   "5757783"   "5790938"   "5850593"   "5884031"   "5890054"   "5901362"   "6055561"   "6141533"   "6188681"   "6243573"   "6249810"   "6377805"   "6414955"   "6459881"   "6473617"   "6546425"   "6590928"   "6782422").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/23 12:23
S108	33	("5850593").URPN.	USPAT	OR	ON	2011/02/23 14:21
S109	1	"20040160919"	US-PGPUB; USPAT	OR	ON	2011/02/23 15:32
S120	780	(370/255).ccls.	USPAT	OR	ON	2011/12/02 16:59

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	370/255.ccls	USPAT; UPAD	OR	OFF	2011/12/02 18:25
L2	783	(370/255).ccls.	USPAT; UPAD	OR	OFF	2011/12/02 18:25
S110	2513	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near8 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal or UE or SS or device or user adj equipment or subscriber adj station or node))	USPAT; UPAD	OR	ON	2011/08/10 14:42
S111	236008	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound))	USPAT; UPAD	OR	ON	2011/08/10 14:42
S112	207	S110 and S111	USPAT; UPAD	OR	ON	2011/08/10 14:43
S113	4137	455/41.2	USPAT; UPAD	OR	ON	2011/08/10 14:44



S114	76	(455/216).ccls.	USPAT; UPAD	OR	ON	2011/08/10 14:44
S115	743	(370/255).ccls.	USPAT; UPAD	OR	ON	2011/08/10 14:48
S116	2	S112 and S115	USPAT; UPAD	OR	ON	2011/08/10 14:48
S117	6	S112 and S113	USPAT; UPAD	OR	ON	2011/08/10 14:48
S118	6	("20050099942"   "20050124293"   "20050130634"   "20060029009"   "6922635"   "7315281").PN.	US- PGPUB; USPAT	OR	OFF	2011/08/10 14:59
S119	0	("7843862").URPN.	USPAT	OR	OFF	2011/08/10 15:04
S121	2625	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near8 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal or UE or SS or device or user adj equipment or subscriber adj station or node))	USPAT; UPAD	OR	ON	2011/12/02 16:57
S122	2625	((learn\$3 or understand\$3 or gather\$3 or ascertain or study\$3)near8 (Path\$3 or trail or route or channel or link)near7 (mobile or terminal or UE or SS or device or user adj equipment or subscriber adj station or node))	USPAT; UPAD	OR	ON	2011/12/02 16:57
S123	240603	((Outside or beyond or exterior or external or outer)near6 (Range or limit or reach or bound))	USPAT; UPAD	OR	ON	2011/12/02 16:58
S124	216	S122 and S123	USPAT; UPAD	OR	ON	2011/12/02 16:58
S125	4522	455/41.2	USPAT; UPAD	OR	ON	2011/12/02 16:59
S126	783	(370/255).ccls.	USPAT; UPAD	OR	ON	2011/12/02 17:00
S127	2	S124 and S126	USPAT; UPAD	OR	ON	2011/12/02 17:00
S128	7	S124 and S125	USPAT; UPAD	OR	ON	2011/12/02 17:01

12/ 2/ 2011 6:37:22 PM

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